

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0713085462](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch C-Grid® Header, Surface Mount, Dual Row, Vertical, 62 Circuits, 1.50µm (59µ") Minimum Bright Tin (Sn) Over Nickel (Ni) Plating, without PCB Locator Pegs

**Documents:**

[3D Model](#) [Product Specification PS-71308 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [71308](#)  
 Application Board-to-Board, Wire-to-Board  
 Product Name C-Grid®

**Physical**

Breakaway Yes  
 Circuits (Loaded) 62  
 Circuits (maximum) 62  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Tube  
 Pitch - Mating Interface (in) 0.100 In  
 Pitch - Mating Interface (mm) 2.54 mm  
 Polarized to PCB No  
 Shrouded No  
 Stackable Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 3A  
 Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 40  
 Lead-free Process Capability Reflow Capable (SMT only)  
 Max. Cycles at Max. Process Temperature 3  
 Process Temperature max. C 260

**Material Info**



*Series  
image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No**  
**Halogen-Free  
Status  
Not Reviewed**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[71308Series](#)

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-71308, RPS-71308-001  
SD-71308-001

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OPTIONAL  
PICK AND PLACE CAP  
SEE NOTES 4 & 9.

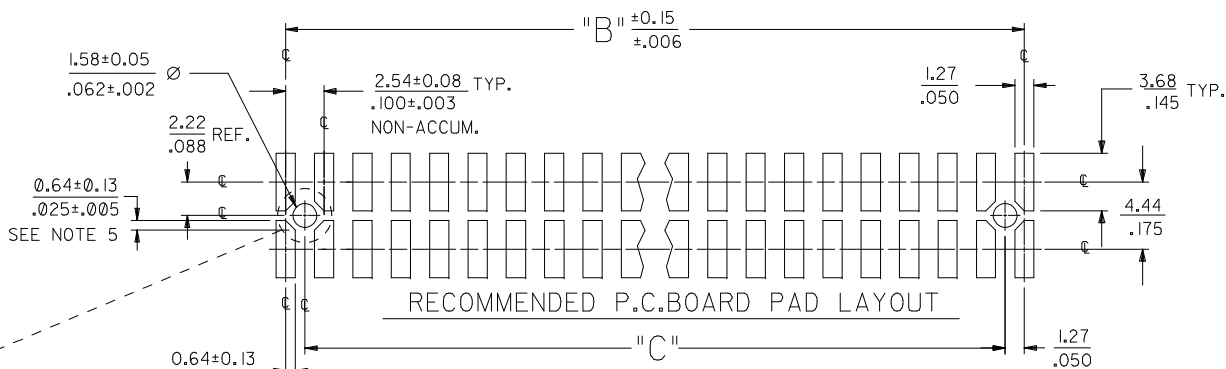


| DIM. "M"     | DIM. "G"      |
|--------------|---------------|
| 6.10<br>.240 | 10.67<br>.420 |
| 8.13<br>.320 | 12.70<br>.500 |

PEG OPTIONS



P.C. BOARD PAD LAYOUT  
AT ENDS FOR NO PEG VERSION.



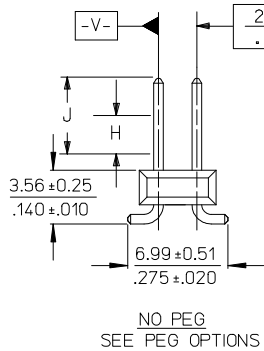
RECOMMENDED P.C. BOARD PAD LAYOUT

- ⊕0.50/.020|U|X FOR PARTS WITH PEGS
- ⊕0.50/.020|U|Y FOR PARTS WITHOUT PEGS

ROW "A"  
ROW "B"



- NOTES:
- MATERIALS: INSULATOR: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK  
TERMINAL: COPPER ALLOY
  - FINISH:  
59 TIN - 0.00150/.000059 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.  
150 TIN - 0.00381/.000150 MINIMUM BRIGHT TIN OVER NICKEL OVERALL.  
15 GOLD - 0.00038/.000015 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.  
30 GOLD - 0.00076/.000030 MINIMUM GOLD IN SELECT AREA OVER 0.00191/.000075 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.  
50 GOLD - 0.00127/.000050 MINIMUM GOLD IN SELECT AREA OVER 0.00254/.000100 MINIMUM TIN IN SELECT AREA OVER NICKEL OVERALL.  
\* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.
  - PART TO CONFORM TO PS-71308.
  - PACKAGING (SEE CHARTS):



- BULK: PER PK-70873-0353  
TUBES: PER PK-70873-0041.  
71308-82\*\* IN TUBES: PER PK-70873-042.  
TUBES W/ VAC CAPS: PER PK-70873-0691  
TAPE AND REEL W/ VAC CAPS: PER PK-70873-0805.  
SEE SHEET 3 FOR TAPE & REEL PRODUCT WITH SHALLOW POCKET REQUIREMENTS.
- TYP. DIMENSIONS FOR LANDS SURROUNDING HOLES FOR RETENTION PEGS.
- PIN SOLERABILITY PER MOLEX SPEC. ES-152.
- SEE SHEETS 2-5 FOR CHARTED DIMS., PART/EDP NO'S, AND VOIDED CIRCUITS.
- PIN PUSHOUT FORCE: 3 LBS. MINIMUM.
- PICK-N-PLACE CAPS WILL BE PLACED SO THAT VACUUM PICK UP AREA WILL BE IN CENTER OF PART.
- COPLANARITY FOR CIRCUIT SIZES UP TO 40 IS 0.15 MM/.006 INCH. FOR CIRCUIT SIZES 42 AND LARGER, CONTACT MOLEX SALES DEPARTMENT.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| REV   | DESCRIPTION   | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |                       | DIMENSION STYLE<br>MM/IN          | SCALE<br>INCH        | DESIGN UNITS<br>INCH               | THIRD ANGLE PROJECTION                                     |
|---|---|-----------------|---------------------------------------|-----------------------|-----------------------------------|----------------------|------------------------------------|--|
|   |   |                 | mm                                    | INCH                  |                                   |                      |                                    |  |
| K3  | 12CKT TAPE & REEL<br>EC NO: UCP2009-2465<br>DRWN:KIPPER 2009/08/04<br>CHKD:SSOUSEK 2009/08/07<br>APPR:FSMITH 2009/08/10 | ▽=0<br>▽=0      | 4 PLACES ± --- ± ---                  | 3 PLACES ± --- ± .005 | 2 PLACES ± 0.13 ± .010            | 1 PLACE ± 0.25 ± --- | ANGULAR ± 1/2°                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |
|   |   |                 | DRAWN BY DATE<br>KMS 1999/10/15       |                       | CHECKED BY DATE<br>KMS 1999/10/15 |                      | APPROVED BY DATE<br>KMS 1999/10/15 |  |
|   |   |                 | MATERIAL NO.<br>SEE TABLES            |                       | DOCUMENT NO.<br>SD-71308-001      |                      | SHEET NO.<br>1 OF 6                |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                 |                                       |                       |                                   |                      |                                    |  |

| 13    |        | 12                            |        | 11          |             | 10          |                            | 9                    |             | 8           |             | 7                          |                      | 6           |             | 5           |                            | 4                    |            | 3           |            | 2     |       | 1 |  |
|-------|--------|-------------------------------|--------|-------------|-------------|-------------|----------------------------|----------------------|-------------|-------------|-------------|----------------------------|----------------------|-------------|-------------|-------------|----------------------------|----------------------|------------|-------------|------------|-------|-------|---|--|
|       |        | PACKAGING<br>SEE NOTE 4 SHT 1 |        | 4-6 CKT     | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS | N/A                  |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS | N/A                  |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS | N/A                  |            | BULK        |            | BULK  |       |   |  |
|       |        |                               |        | 8-100 CKT   | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS | TUBES<br>W/ VAC CAPS |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS | TUBES<br>W/ VAC CAPS |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS | TUBES<br>W/ VAC CAPS |            | TUBES       |            | TUBES |       |   |  |
|       |        | DIM. M ±0.25 MM               |        | 6.10 (.240) |             |             |                            | 6.10 (.240)          |             |             |             | 6.10 (.240)                |                      |             |             | 8.13 (.320) |                            |                      |            | 8.13 (.320) |            |       |       |   |  |
|       |        | PLATING                       |        | 150 TIN     |             |             |                            | 15 GOLD              |             |             |             | 30 GOLD                    |                      |             |             | 15 GOLD     |                            |                      |            | 30 GOLD     |            |       |       |   |  |
|       |        | DIM. H                        |        | 2.54 (.100) |             |             |                            | 2.54 (.100)          |             |             |             | 2.54 (.100)                |                      |             |             | 4.57 (.180) |                            |                      |            | 4.57 (.180) |            |       |       |   |  |
|       |        | DIM. J                        |        | 5.08 (.200) |             |             |                            | 5.08 (.200)          |             |             |             | 5.08 (.200)                |                      |             |             | 7.11 (.280) |                            |                      |            | 7.11 (.280) |            |       |       |   |  |
| CKTCS | DIM. A |                               |        | DIM. B      |             |             | EDP NUMBER                 |                      | EDP NUMBER  |             | EDP NUMBER  |                            | EDP NUMBER           |             | EDP NUMBER  |             | EDP NUMBER                 |                      | EDP NUMBER |             | EDP NUMBER |       | CKTCS |   |  |
|       | MM     | IN                            | MM     | IN          | MM          | IN          | EDP NUMBER                 | EDP NUMBER           | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER                 | EDP NUMBER           | EDP NUMBER  | EDP NUMBER  | EDP NUMBER  | EDP NUMBER                 | EDP NUMBER           | EDP NUMBER | EDP NUMBER  | EDP NUMBER |       |       |   |  |
| 04    | 5.08   | .200                          | 2.54   | .100        | 015-91-2040 | 015-91-6040 | N/A                        | 015-91-0040          | 015-91-6042 | N/A         | 015-91-3040 | 015-91-6043                | N/A                  | 015-91-0048 | 015-91-5049 | 04          |                            |                      |            |             |            |       |       |   |  |
| 06    | 7.62   | .300                          | 5.08   | .200        | 015-91-2060 | 015-91-6060 | N/A                        | 015-91-0060          | 015-91-6062 | N/A         | 015-91-3060 | 015-91-6063                | N/A                  | 015-91-0068 | 015-91-5069 | 06          |                            |                      |            |             |            |       |       |   |  |
| 08    | 10.16  | .400                          | 7.62   | .300        | 015-91-2080 | 015-91-6080 | 015-91-3087                | 015-91-0080          | 015-91-6082 | 015-91-3086 | 015-91-3080 | 015-91-6083                | 015-91-3088          | 015-91-0088 | 015-91-5089 | 08          |                            |                      |            |             |            |       |       |   |  |
| 10    | 12.70  | .500                          | 10.16  | .400        | 015-91-2100 | 015-91-6100 | 015-91-3107                | 015-91-0100          | 015-91-6102 | 015-91-3106 | 015-91-3100 | 015-91-6103                | 015-91-3108          | 015-91-0108 | 015-91-5109 | 10          |                            |                      |            |             |            |       |       |   |  |
| 12    | 15.24  | .600                          | 12.70  | .500        | 015-91-2120 | 015-91-6120 | 015-91-3127                | 015-91-0120          | 015-91-6122 | 015-91-3126 | 015-91-3120 | 015-91-6123                | 015-91-3128          | 015-91-0128 | 015-91-5129 | 12          |                            |                      |            |             |            |       |       |   |  |
| 14    | 17.78  | .700                          | 15.24  | .600        | 015-91-2140 | 015-91-6140 | 015-91-3147                | 015-91-0140          | 015-91-6142 | 015-91-3146 | 015-91-3140 | 015-91-6143                | 015-91-3148          | 015-91-0148 | 015-91-5149 | 14          |                            |                      |            |             |            |       |       |   |  |
| 16    | 20.32  | .800                          | 17.78  | .700        | 015-91-2160 | 015-91-6160 | 015-91-3167                | 015-91-0160          | 015-91-6162 | 015-91-3166 | 015-91-3160 | 015-91-6163                | 015-91-3168          | 015-91-0168 | 015-91-5169 | 16          |                            |                      |            |             |            |       |       |   |  |
| 18    | 22.86  | .900                          | 20.32  | .800        | 015-91-2180 |             | 015-91-3187                | 015-91-0180          |             | 015-91-3186 | 015-91-3180 |                            | 015-91-3188          | 015-91-0188 | 015-91-5189 | 18          |                            |                      |            |             |            |       |       |   |  |
| 20    | 25.40  | 1.000                         | 22.86  | .900        | 015-91-2200 | 015-91-6200 | 015-91-3207                | 015-91-0200          | 015-91-6202 | 015-91-3206 | 015-91-3200 | 015-91-6203                | 015-91-3208          | 015-91-0208 | 015-91-5209 | 20          |                            |                      |            |             |            |       |       |   |  |
| 22    | 27.94  | 1.100                         | 25.40  | 1.000       | 015-91-2220 |             | 015-91-3227                | 015-91-0220          |             | 015-91-3226 | 015-91-3220 |                            | 015-91-3228          | 015-91-0228 | 015-91-5229 | 22          |                            |                      |            |             |            |       |       |   |  |
| 24    | 30.48  | 1.200                         | 27.94  | 1.100       | 015-91-2240 |             | 015-91-3247                | 015-91-0240          |             | 015-91-3246 | 015-91-3240 |                            | 015-91-3248          | 015-91-0248 | 015-91-5249 | 24          |                            |                      |            |             |            |       |       |   |  |
| 26    | 33.02  | 1.300                         | 30.48  | 1.200       | 015-91-2260 | 015-91-6260 | 015-91-3267                | 015-91-0260          | 015-91-6262 | 015-91-3266 | 015-91-3260 |                            | 015-91-3268          | 015-91-0268 | 015-91-5269 | 26          |                            |                      |            |             |            |       |       |   |  |
| 28    | 35.56  | 1.400                         | 33.02  | 1.300       | 015-91-2280 |             | 015-91-3287                | 015-91-0280          |             | 015-91-3286 | 015-91-3280 |                            | 015-91-3288          | 015-91-0288 | 015-91-5289 | 28          |                            |                      |            |             |            |       |       |   |  |
| 30    | 38.10  | 1.500                         | 35.56  | 1.400       | 015-91-2300 |             | 015-91-3307                | 015-91-0300          |             | 015-91-3306 | 015-91-3300 |                            | 015-91-3308          | 015-91-0308 | 015-91-5309 | 30          |                            |                      |            |             |            |       |       |   |  |
| 32    | 40.64  | 1.600                         | 38.10  | 1.500       | 015-91-2320 |             | 015-91-3327                | 015-91-0320          |             | 015-91-3326 | 015-91-3320 |                            | 015-91-3328          | 015-91-0328 | 015-91-5329 | 32          |                            |                      |            |             |            |       |       |   |  |
| 34    | 43.18  | 1.700                         | 40.64  | 1.600       | 015-91-2340 |             | 015-91-3347                | 015-91-0340          |             | 015-91-3346 | 015-91-3340 |                            | 015-91-3348          | 015-91-0348 | 015-91-5349 | 34          |                            |                      |            |             |            |       |       |   |  |
| 36    | 45.72  | 1.800                         | 43.18  | 1.700       | 015-91-2360 |             | 015-91-3367                | 015-91-0360          |             | 015-91-3366 | 015-91-3360 |                            | 015-91-3368          | 015-91-0368 | 015-91-5369 | 36          |                            |                      |            |             |            |       |       |   |  |
| 38    | 48.26  | 1.900                         | 45.72  | 1.800       | 015-91-2380 |             | 015-91-3387                | 015-91-0380          |             | 015-91-3386 | 015-91-3380 |                            | 015-91-3388          | 015-91-0388 | 015-91-5389 | 38          |                            |                      |            |             |            |       |       |   |  |
| 40    | 50.80  | 2.000                         | 48.26  | 1.900       | 015-91-2400 | 015-91-6400 | 015-91-3407                | 015-91-0400          | 015-91-6402 | 015-91-3406 | 015-91-3400 | 015-91-6403                | 015-91-3408          | 015-91-0408 | 015-91-5409 | 40          |                            |                      |            |             |            |       |       |   |  |
| 42    | 53.34  | 2.100                         | 50.80  | 2.000       | 015-91-2420 |             | 015-91-3427                | 015-91-0420          |             | 015-91-3426 | 015-91-3420 |                            | 015-91-3428          | 015-91-0428 | 015-91-5429 | 42          |                            |                      |            |             |            |       |       |   |  |
| 44    | 55.88  | 2.200                         | 53.34  | 2.100       | 015-91-2440 |             | 015-91-3447                | 015-91-0440          |             | 015-91-3446 | 015-91-3440 |                            | 015-91-3448          | 015-91-0448 | 015-91-5449 | 44          |                            |                      |            |             |            |       |       |   |  |
| 46    | 58.42  | 2.300                         | 55.88  | 2.200       | 015-91-2460 |             | 015-91-3467                | 015-91-0460          |             | 015-91-3466 | 015-91-3460 |                            | 015-91-3468          | 015-91-0468 | 015-91-5469 | 46          |                            |                      |            |             |            |       |       |   |  |
| 48    | 60.96  | 2.400                         | 58.42  | 2.300       | 015-91-2480 |             | 015-91-3487                | 015-91-0480          |             | 015-91-3486 | 015-91-3480 |                            | 015-91-3488          | 015-91-0488 | 015-91-5489 | 48          |                            |                      |            |             |            |       |       |   |  |
| 50    | 63.50  | 2.500                         | 60.96  | 2.400       | 015-91-2500 | 015-91-6500 | 015-91-3507                | 015-91-0500          | 015-91-6502 | 015-91-3506 | 015-91-3500 | 015-91-6503                | 015-91-3508          | 015-91-0508 | 015-91-5509 | 50          |                            |                      |            |             |            |       |       |   |  |
| 52    | 66.04  | 2.600                         | 63.50  | 2.500       | 015-91-2520 |             | 015-91-3527                | 015-91-0520          |             | 015-91-3526 | 015-91-3520 |                            | 015-91-3528          | 015-91-0528 | 015-91-5529 | 52          |                            |                      |            |             |            |       |       |   |  |
| 54    | 68.58  | 2.700                         | 66.04  | 2.600       | 015-91-2540 |             | 015-91-3547                | 015-91-0540          |             | 015-91-3546 | 015-91-3540 |                            | 015-91-3548          | 015-91-0548 | 015-91-5549 | 54          |                            |                      |            |             |            |       |       |   |  |
| 56    | 71.12  | 2.800                         | 68.58  | 2.700       | 015-91-2560 |             | 015-91-3567                | 015-91-0560          |             | 015-91-3566 | 015-91-3560 |                            | 015-91-3568          | 015-91-0568 | 015-91-5569 | 56          |                            |                      |            |             |            |       |       |   |  |
| 58    | 73.66  | 2.900                         | 71.12  | 2.800       | 015-91-2580 |             | 015-91-3587                | 015-91-0580          |             | 015-91-3586 | 015-91-3580 |                            | 015-91-3588          | 015-91-0588 | 015-91-5589 | 58          |                            |                      |            |             |            |       |       |   |  |
| 60    | 76.20  | 3.000                         | 73.66  | 2.900       | 015-91-2600 |             | 015-91-3607                | 015-91-0600          |             | 015-91-3606 | 015-91-3600 |                            | 015-91-3608          | 015-91-0608 | 015-91-5609 | 60          |                            |                      |            |             |            |       |       |   |  |
| 62    | 78.74  | 3.100                         | 76.20  | 3.000       | 015-91-2620 |             | 015-91-3627                | 015-91-0620          |             | 015-91-3626 | 015-91-3620 |                            | 015-91-3628          | 015-91-0628 | 015-91-5629 | 62          |                            |                      |            |             |            |       |       |   |  |
| 64    | 81.28  | 3.200                         | 78.74  | 3.100       | 015-91-2640 |             | 015-91-3647                | 015-91-0640          |             | 015-91-3646 | 015-91-3640 |                            | 015-91-3648          | 015-91-0648 | 015-91-5649 | 64          |                            |                      |            |             |            |       |       |   |  |
| 66    | 83.82  | 3.300                         | 81.28  | 3.200       | 015-91-2660 |             | 015-91-3667                | 015-91-0660          |             | 015-91-3666 | 015-91-3660 |                            | 015-91-3668          | 015-91-0668 | 015-91-5669 | 66          |                            |                      |            |             |            |       |       |   |  |
| 68    | 86.36  | 3.400                         | 83.82  | 3.300       | 015-91-2680 |             | 015-91-3687                | 015-91-0680          |             | 015-91-3686 | 015-91-3680 |                            | 015-91-3688          | 015-91-0688 | 015-91-5689 | 68          |                            |                      |            |             |            |       |       |   |  |
| 70    | 88.90  | 3.500                         | 86.36  | 3.400       | 015-91-2700 |             | 015-91-3707                | 015-91-0700          |             | 015-91-3706 | 015-91-3700 |                            | 015-91-3708          | 015-91-0708 | 015-91-5709 | 70          |                            |                      |            |             |            |       |       |   |  |
| 72    | 91.44  | 3.600                         | 88.90  | 3.500       | 015-91-2720 |             | 015-91-3727                | 015-91-0720          |             | 015-91-3726 | 015-91-3720 |                            | 015-91-3728          | 015-91-0728 | 015-91-5729 | 72          |                            |                      |            |             |            |       |       |   |  |
| 74    | 93.98  | 3.700                         | 91.44  | 3.600       | 015-91-2740 |             | 015-91-3747                | 015-91-0740          |             | 015-91-3746 | 015-91-3740 |                            | 015-91-3748          | 015-91-0748 | 015-91-5749 | 74          |                            |                      |            |             |            |       |       |   |  |
| 76    | 96.52  | 3.800                         | 93.98  | 3.700       | 015-91-2760 |             | 015-91-3767                | 015-91-0760          |             | 015-91-3766 | 015-91-3760 |                            | 015-91-3768          | 015-91-0768 | 015-91-5769 | 76          |                            |                      |            |             |            |       |       |   |  |
| 78    | 99.06  | 3.900                         | 96.52  | 3.800       | 015-91-2780 |             | 015-91-3787                | 015-91-0780          |             | 015-91-3786 | 015-91-3780 |                            | 015-91-3788          | 015-91-0788 | 015-91-5789 | 78          |                            |                      |            |             |            |       |       |   |  |
| 80    | 101.60 | 4.000                         | 99.06  | 3.900       | 015-91-2800 |             | 015-91-3807                | 015-91-0800          |             | 015-91-3806 | 015-91-3800 |                            | 015-91-3808          | 015-91-0808 | 015-91-5809 | 80          |                            |                      |            |             |            |       |       |   |  |
| 82    | 104.14 | 4.100                         | 101.60 | 4.000       | 71308-0082  |             | 71308-0482                 | 71308-0182           |             | 71308-0582  | 71308-0282  |                            | 71308-0682           | 71308-1182  | 71308-1282  | 82          |                            |                      |            |             |            |       |       |   |  |
| 84    | 106.68 | 4.200                         | 104.14 | 4.100       | 71308-0084  |             | 71308-0484                 | 71308-0184           |             | 71308-0584  | 71308-0284  |                            | 71308-0684           | 71308-1184  | 71308-1284  | 84          |                            |                      |            |             |            |       |       |   |  |
| 86    | 109.22 | 4.300                         | 106.68 | 4.200       | 71308-0086  |             | 71308-0486                 | 71308-0186           |             | 71308-0586  | 71308-0286  |                            | 71308-0686           | 71308-1186  | 71308-1286  | 86          |                            |                      |            |             |            |       |       |   |  |
| 88    | 111.76 | 4.400                         | 109.22 | 4.300       | 71308-0088  |             | 71308-0488                 | 71308-0188           |             | 71308-0588  | 71308-0288  |                            | 71308-0688           | 71308-1188  | 71308-1288  | 88          |                            |                      |            |             |            |       |       |   |  |
| 90    | 114.30 | 4.500                         | 111.76 | 4.400       | 71308-0090  |             | 71308-0490                 | 71308-0190           |             | 71308-0590  | 71308-0290  |                            | 71308-0690           | 71308-1190  | 71308-1290  | 90          |                            |                      |            |             |            |       |       |   |  |
| 92    | 116.84 | 4.600                         | 114.30 | 4.500       | 71308-0092  |             | 71308-0492                 | 71308-0192           |             | 71308-0592  | 71308-0292  |                            | 71308-0692           | 71308-1192  | 71308-1292  | 92          |                            |                      |            |             |            |       |       |   |  |
| 94    | 119.38 | 4.700                         | 116.84 | 4.600       | 71308-0094  |             | 71308-0494                 | 71308-0194           |             | 71308-0594  | 71308-0294  |                            | 71308-0694           | 71308-1194  | 71308-1294  | 94          |                            |                      |            |             |            |       |       |   |  |
| 96    | 121.92 | 4.800                         | 119.38 | 4.700       | 71308-0096  |             | 71308-0496                 | 71308-0196           |             | 71308-0596  | 71308-0296  |                            | 71308-0696           | 71308-1196  | 71308-1296  | 96          |                            |                      |            |             |            |       |       |   |  |
| 98    | 124.46 | 4.900                         | 121.92 | 4.800       | 71308-0098  |             | 71308-0498                 | 71308-0198           |             | 71308-0598  | 71308-0298  |                            | 71308-0698           | 71308-1198  | 71308-1298  | 98          |                            |                      |            |             |            |       |       |   |  |
| 100   | 127.00 | 5.000                         | 124.46 | 4.900       | 71308-0101  |             | 71308-0500                 | 71308-0200           |             | 71308-0600  | 71308-0300  |                            | 71308-0700           | 71308-1200  | 71308-1300  | 100         |                            |                      |            |             |            |       |       |   |  |

NO PEG VERSION

(SEE ALSO SHEET 3)

| <p style="font-size: 8pt;">SEE SHEET 1</p> <p style="font-size: 6pt;">EC NO: UCP2009-2465<br/>2009/08/04<br/>DRWIN/KIPPER<br/>CHKD:SSOUSEK<br/>APPR:FSMITH<br/>2009/08/10</p> <p style="font-size: 12pt; font-weight: bold;">K3</p> | <p>QUALITY SYMBOLS</p> <p>▽=0</p> <p>▽=0</p> <p style="font-size: 8pt;">DESCRIPTION</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± .---</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .---</td> </tr> <tr> <td colspan="3" style="text-align: center;">ANGULAR ±1/2°</td> </tr> </table> <p style="font-size: 8pt;">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</p> |          | mm     | INCH   | 4 PLACES | ± .--- | ± .--- | 3 PLACES | ± .--- | ± .005 | 2 PLACES | ± 0.13 | ± .010 | 1 PLACE | ± 0.25 | ± .--- | ANGULAR ±1/2° |  |  | <p>DIMENSION STYLE</p> <p style="text-align: center; font-weight: bold;">MM/IN</p> <p>DRAWN BY DATE<br/>KMS 1999/10/15</p> <p>CHECKED BY DATE<br/>KMS 1999/10/15</p> <p>APPROVED BY DATE<br/>KMS 1999/10/15</p> <p>MATERIAL NO.<br/><b>SEE TABLE</b></p> <p>DOCUMENT NO.<br/><b>SD-71308-001</b></p> | <p>SCALE</p> <p>DESIGN UNITS</p> <p style="text-align: center; font-weight: bold;">INCH</p> <p>THIRD ANGLE PROJECTION</p> <p style="font-size: 12pt; font-weight: bold; text-align: center;">SALES ASSY INSULATOR<br/>DUAL ROW SMT W/BREAK-OFF<br/>.025SQ PIN GULLWING .100</p> <p style="font-size: 12pt; font-weight: bold; text-align: center;"> MOLEX INCORPORATED</p> <p style="font-size: 8pt;">SHEET NO.<br/>2 OF 6</p> |
|---|---|--|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|---------|--------|--------|---------------|--|--|--|--|
|   |   |  |          | mm     | INCH   |          |        |        |          |        |        |          |        |        |         |        |        |               |  |  |  |  |
|   |   |  | 4 PLACES | ± .--- | ± .--- |          |        |        |          |        |        |          |        |        |         |        |        |               |  |  |  |  |
|   |   |  | 3 PLACES | ± .--- | ± .005 |          |        |        |          |        |        |          |        |        |         |        |        |               |  |  |  |  |
| 2 PLACES  | ± 0.13  | ± .010   |          |        |        |          |        |        |          |        |        |          |        |        |         |        |        |               |  |  |  |  |
| 1 PLACE   | ± 0.25  | ± .---   |          |        |        |          |        |        |          |        |        |          |        |        |         |        |        |               |  |  |  |  |
| ANGULAR ±1/2°   |   |  |          |        |        |          |        |        |          |        |        |          |        |        |         |        |        |               |  |  |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION   |   |  |          |        |        |          |        |        |          |        |        |          |        |        |         |        |        |               |  |  |  |  |

|                                |        |       |        |       | IN TAPE AND REEL WITH SHALLOW POCKET TAPE |        |                            |             |                            |  |        |        |             |  | BULK / IN TUBES |  |       |  |
|--------------------------------|--------|-------|--------|-------|---|--------|----------------------------|-------------|----------------------------|--|--------|--------|-------------|--|-----------------|--|-------|--|
| PACKAGING<br>SEE NOTE 4, SHT 1 |        |       |        |       | 4-8 CKT                                   |        | TAPE-N-REEL<br>W/ VAC CAPS |             | TAPE-N-REEL<br>W/ VAC CAPS |  |        |        |             |  | BULK            |  | BULK  |  |
|                                |        |       |        |       | 10-100 CKT                                |        | TAPE-N-REEL<br>W/ VAC CAPS |             | TAPE-N-REEL<br>W/ VAC CAPS |  |        |        |             |  | TUBES           |  | TUBES |  |
| DIM. M±0.25 MM                 |        |       |        |       | 6.10 (.240)                               |        | 6.10 (.240)                |             |                            |  |        |        | 8.13 (.320) |  | 13.59 (.535)    |  |       |  |
| PLATING                        |        |       |        |       | 30 GOLD                                   |        | 15 GOLD                    |             |                            |  |        |        | 150 TIN     |  | 150 TIN         |  |       |  |
| DIM. H                         |        |       |        |       | 2.54 (.100)                               |        | 2.54 (.100)                |             |                            |  |        |        | 4.57 (.180) |  | 4.57 (.180)     |  |       |  |
| DIM. J                         |        |       |        |       | 5.08 (.200)                               |        | 5.08 (.200)                |             |                            |  |        |        | 7.11 (.280) |  | 7.11 (.280)     |  |       |  |
| CKTS                           | DIM. A |       | DIM. B |       | EDP                                       |        | EDP                        |             |                            |  |        |        | EDP         |  | EDP             |  | CKTS  |  |
|                                | MM     | IN    | MM     | IN    | NUMBER                                    | NUMBER |                            |             |                            |  | NUMBER | NUMBER |             |  |                 |  |       |  |
| 04                             | 5.08   | .200  | 2.54   | .100  |   |        |                            |             |                            |  |        |        |             |  |                 |  | 04    |  |
| 06                             | 7.62   | .300  | 5.08   | .200  |   |        |                            | 015-91-6068 |                            |  |        |        |             |  |                 |  | 06    |  |
| 08                             | 10.16  | .400  | 7.62   | .300  |   |        |                            | 015-91-6088 |                            |  |        |        |             |  |                 |  | 08    |  |
| 10                             | 12.70  | .500  | 10.16  | .400  |   |        |                            | 015-91-6108 |                            |  |        |        | 713088010   |  | 71308-8210      |  | 10    |  |
| 12                             | 15.24  | .600  | 12.70  | .500  |   |        |                            |             |                            |  |        |        |             |  |                 |  | 12    |  |
| 14                             | 17.78  | .700  | 15.24  | .600  | 015-91-6148                               |        |                            |             |                            |  |        |        |             |  |                 |  | 14    |  |
| 16                             | 20.32  | .800  | 17.78  | .700  |   |        |                            |             |                            |  |        |        | 713088016   |  |                 |  | 16    |  |
| 18                             | 22.86  | .900  | 20.32  | .800  |   |        |                            |             |                            |  |        |        |             |  |                 |  | 18    |  |
| 20                             | 25.40  | 1.000 | 22.86  | .900  |   |        |                            |             |                            |  |        |        |             |  |                 |  | 20    |  |
| 22                             | 27.94  | 1.100 | 25.40  | 1.000 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 22    |  |
| 24                             | 30.48  | 1.200 | 27.94  | 1.100 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 24    |  |
| 26                             | 33.02  | 1.300 | 30.48  | 1.200 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 26    |  |
| 28                             | 35.56  | 1.400 | 33.02  | 1.300 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 28    |  |
| 30                             | 38.10  | 1.500 | 35.56  | 1.400 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 30    |  |
| 32                             | 40.64  | 1.600 | 38.10  | 1.500 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 32    |  |
| 34                             | 43.18  | 1.700 | 40.64  | 1.600 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 34    |  |
| 36                             | 45.72  | 1.800 | 43.18  | 1.700 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 36    |  |
| 38                             | 48.26  | 1.900 | 45.72  | 1.800 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 38    |  |
| 40                             | 50.80  | 2.000 | 48.26  | 1.900 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 40    |  |
| 42                             | 53.34  | 2.100 | 50.80  | 2.000 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 42    |  |
| 44                             | 55.88  | 2.200 | 53.34  | 2.100 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 44    |  |
| 46                             | 58.42  | 2.300 | 55.88  | 2.200 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 46    |  |
| 48                             | 60.96  | 2.400 | 58.42  | 2.300 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 48    |  |
| 50                             | 63.50  | 2.500 | 60.96  | 2.400 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 50    |  |
| 52                             | 66.04  | 2.600 | 63.50  | 2.500 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 52    |  |
| 54                             | 68.58  | 2.700 | 66.04  | 2.600 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 54    |  |
| 56                             | 71.12  | 2.800 | 68.58  | 2.700 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 56    |  |
| 58                             | 73.66  | 2.900 | 71.12  | 2.800 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 58    |  |
| 60                             | 76.20  | 3.000 | 73.66  | 2.900 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 60    |  |
| 62                             | 78.74  | 3.100 | 76.20  | 3.000 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 62    |  |
| 64                             | 81.28  | 3.200 | 78.74  | 3.100 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 64    |  |
| 66                             | 83.82  | 3.300 | 81.28  | 3.200 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 66    |  |
| 68                             | 86.36  | 3.400 | 83.82  | 3.300 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 68    |  |
| 70                             | 88.90  | 3.500 | 86.36  | 3.400 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 70    |  |
| 72                             | 91.44  | 3.600 | 88.90  | 3.500 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 72    |  |
| 74                             | 93.98  | 3.700 | 91.44  | 3.600 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 74    |  |
| 76                             | 96.52  | 3.800 | 93.98  | 3.700 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 76    |  |
| 78                             | 99.06  | 3.900 | 96.52  | 3.800 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 78    |  |
| 80                             | 101.60 | 4.000 | 99.06  | 3.900 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 80    |  |
| 82                             | 104.14 | 4.100 | 101.60 | 4.000 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 82    |  |
| 84                             | 106.68 | 4.200 | 104.14 | 4.100 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 84    |  |
| 86                             | 109.22 | 4.300 | 106.68 | 4.200 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 86    |  |
| 88                             | 111.76 | 4.400 | 109.22 | 4.300 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 88    |  |
| 90                             | 114.30 | 4.500 | 111.76 | 4.400 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 90    |  |
| 92                             | 116.84 | 4.600 | 114.30 | 4.500 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 92    |  |
| 94                             | 119.38 | 4.700 | 116.84 | 4.600 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 94    |  |
| 96                             | 121.92 | 4.800 | 119.38 | 4.700 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 96    |  |
| 98                             | 124.46 | 4.900 | 121.92 | 4.800 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 98    |  |
| 100                            | 127.00 | 5.000 | 124.46 | 4.900 |   |        |                            |             |                            |  |        |        |             |  |                 |  | 100   |  |

NO PEG VERSION

(ALSO SEE SHEET 2)

|   |                               |   |  |                 |  |              |              |                            |  |
|---|-------------------------------|---|--|-----------------|--|--------------|--------------|----------------------------|--|
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRW:KIPPER 2009/08/04<br>CHK:DSSOUSEK 2009/08/07<br>APPR:FSMITH 2009/08/10<br>REV: K3 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |  | DIMENSION STYLE |  | SCALE        | DESIGN UNITS | THIRD ANGLE PROJECTION<br> |  |
|   |                               | mm      INCH  |  | MM/IN           |  | DRAWN BY     | DATE         |                            | TITLE  |
|   |                               | 4 PLACES ± --- ± ---  |  | KMS             |  | 1999/10/15   |              |                            | SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100<br>MOLEX INCORPORATED |
|   |                               | 3 PLACES ± --- ±.005  |  | KMS             |  | 1999/10/15   |              |                            |  |
|   |                               | 2 PLACES ±0.13 ±.010  |  | KMS             |  | 1999/10/15   |              |                            |  |
| 1 PLACE ±0.25 ± ---   |                               | KMS   |  | 1999/10/15      |  | MATERIAL NO. | DOCUMENT NO. |                            |  |
| ANGULAR ±1/2°   |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  | SEE TABLE       |  | SD-71308-001 |              |                            |  |
| SIZE C  |                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                 |  |              |              |                            |  |

SHEET NO. 3 OF 6

| 13     |        | 12                            |        | 11          |        | 10             |             | 9           |             | 8                          |             | 7           |             | 6                          |             | 5           |        | 4                          |        | 3           |     | 2     |  | 1     |  |
|--------|--------|-------------------------------|--------|-------------|--------|----------------|-------------|-------------|-------------|----------------------------|-------------|-------------|-------------|----------------------------|-------------|-------------|--------|----------------------------|--------|-------------|-----|-------|--|-------|--|
| J      |        | PACKAGING<br>SEE NOTE 4 SHT 1 |        |             |        | 4-8 CKT        |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS |             | BULK        |             | TAPE-N-REEL<br>W/ VAC CAPS |             | BULK        |        | TAPE-N-REEL<br>W/ VAC CAPS |        | BULK        |     | BULK  |  | BULK  |  |
|        |        |                               |        |             |        | 10-100 CKT     |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS |             | TUBES       |             | TAPE-N-REEL<br>W/ VAC CAPS |             | TUBES       |        | TAPE-N-REEL<br>W/ VAC CAPS |        | TUBES       |     | TUBES |  | TUBES |  |
|        |        |                               |        |             |        | DIM. M±0.25 MM |             |             |             | 6.10 (.240)                |             | 6.10 (.240) |             | 6.10 (.240)                |             | 8.13 (.320) |        | 8.13 (.320)                |        | 8.13 (.320) |     |       |  |       |  |
|        |        |                               |        |             |        | PLATING        |             |             |             | 150 TIN                    |             | 15 GOLD     |             | 30 GOLD                    |             | 150 TIN     |        | 15 GOLD                    |        | 30 GOLD     |     |       |  |       |  |
| DIM. H |        |                               |        | 2.54 (.100) |        | 2.54 (.100)    |             | 2.54 (.100) |             | 4.57 (.180)                |             | 4.57 (.180) |             | 4.57 (.180)                |             |             |        |                            |        |             |     |       |  |       |  |
| DIM. J |        |                               |        | 5.08 (.200) |        | 5.08 (.200)    |             | 5.08 (.200) |             | 7.11 (.280)                |             | 7.11 (.280) |             | 7.11 (.280)                |             |             |        |                            |        |             |     |       |  |       |  |
| I      | CKTS   | DIM. A                        |        | DIM. B      |        | DIM. C         |             | EDP NUMBER  |             | EDP NUMBER                 |             | EDP NUMBER  |             | EDP NUMBER                 |             | EDP NUMBER  |        | EDP NUMBER                 |        | EDP NUMBER  |     | CKTS  |  |       |  |
|        |        | MM                            | IN     | MM          | IN     | MM             | IN          | NUMBER      | NUMBER      | NUMBER                     | NUMBER      | NUMBER      | NUMBER      | NUMBER                     | NUMBER      | NUMBER      | NUMBER | NUMBER                     | NUMBER | NUMBER      |     |       |  |       |  |
| 04     | 5.08   | .200                          | 2.54   | .100        | ----   | ----           | 015-91-1041 | 015-91-6044 | 015-91-1042 | 015-91-6045                | 015-91-1043 | 015-91-6046 | 015-91-1044 | 015-91-0047                | 015-91-1040 |             |        |                            |        |             | 04  |       |  |       |  |
| 06     | 7.62   | .300                          | 5.08   | .200        | 2.54   | .100           | 015-91-1061 | 015-91-6064 | 015-91-1062 | 015-91-6065                | 015-91-1063 | 015-91-6066 | 015-91-1064 | 015-91-0067                | 015-91-1060 |             |        |                            |        |             | 06  |       |  |       |  |
| 08     | 10.16  | .400                          | 7.62   | .300        | 5.08   | .200           | 015-91-1081 | 015-91-6084 | 015-91-1082 | 015-91-6085                | 015-91-1083 | 015-91-6086 | 015-91-1084 | 015-91-0087                | 015-91-1080 |             |        |                            |        |             | 08  |       |  |       |  |
| 10     | 12.70  | .500                          | 10.16  | .400        | 7.62   | .300           | 015-91-1101 | 015-91-6104 | 015-91-1102 | 015-91-6105                | 015-91-1103 | 015-91-6106 | 015-91-1104 | 015-91-0107                | 015-91-1100 |             |        |                            |        |             | 10  |       |  |       |  |
| 12     | 15.24  | .600                          | 12.70  | .500        | 10.16  | .400           | 015-91-1121 |             | 015-91-1122 |                            | 015-91-1123 |             | 015-91-1124 | 015-91-0127                | 015-91-1120 |             |        |                            |        |             | 12  |       |  |       |  |
| 14     | 17.78  | .700                          | 15.24  | .600        | 12.70  | .500           | 015-91-1141 | 015-91-6144 | 015-91-1142 | 015-91-6145                | 015-91-1143 | 015-91-6146 | 015-91-1144 | 015-91-0147                | 015-91-1140 |             |        |                            |        |             | 14  |       |  |       |  |
| 16     | 20.32  | .800                          | 17.78  | .700        | 15.24  | .600           | 015-91-1161 | 015-91-6164 | 015-91-1162 | 015-91-6165                | 015-91-1163 | 015-91-6166 | 015-91-1164 | 015-91-0167                | 015-91-1160 |             |        |                            |        |             | 16  |       |  |       |  |
| 18     | 22.86  | .900                          | 20.32  | .800        | 17.78  | .700           | 015-91-1181 |             | 015-91-1182 |                            | 015-91-1183 |             | 015-91-1184 | 015-91-0187                | 015-91-1180 |             |        |                            |        |             | 18  |       |  |       |  |
| 20     | 25.40  | 1.000                         | 22.86  | .900        | 20.32  | .800           | 015-91-1201 |             | 015-91-1202 |                            | 015-91-1203 |             | 015-91-1204 | 015-91-0207                | 015-91-1200 |             |        |                            |        |             | 20  |       |  |       |  |
| 22     | 27.94  | 1.100                         | 25.40  | 1.000       | 22.86  | .900           | 015-91-1221 |             | 015-91-1222 |                            | 015-91-1223 |             | 015-91-1224 | 015-91-0227                | 015-91-1220 |             |        |                            |        |             | 22  |       |  |       |  |
| 24     | 30.48  | 1.200                         | 27.94  | 1.100       | 25.40  | 1.000          | 015-91-1241 |             | 015-91-1242 |                            | 015-91-1243 |             | 015-91-1244 | 015-91-0247                | 015-91-1240 |             |        |                            |        |             | 24  |       |  |       |  |
| 26     | 33.02  | 1.300                         | 30.48  | 1.200       | 27.94  | 1.100          | 015-91-1261 |             | 015-91-1262 |                            | 015-91-1263 |             | 015-91-1264 | 015-91-0267                | 015-91-1260 |             |        |                            |        |             | 26  |       |  |       |  |
| 28     | 35.56  | 1.400                         | 33.02  | 1.300       | 30.48  | 1.200          | 015-91-1281 |             | 015-91-1282 |                            | 015-91-1283 |             | 015-91-1284 | 015-91-0287                | 015-91-1280 |             |        |                            |        |             | 28  |       |  |       |  |
| 30     | 38.10  | 1.500                         | 35.56  | 1.400       | 33.02  | 1.300          | 015-91-1301 |             | 015-91-1302 |                            | 015-91-1303 |             | 015-91-1304 | 015-91-0307                | 015-91-1300 |             |        |                            |        |             | 30  |       |  |       |  |
| 32     | 40.64  | 1.600                         | 38.10  | 1.500       | 35.56  | 1.400          | 015-91-1321 |             | 015-91-1322 |                            | 015-91-1323 |             | 015-91-1324 | 015-91-0327                | 015-91-1320 |             |        |                            |        |             | 32  |       |  |       |  |
| 34     | 43.18  | 1.700                         | 40.64  | 1.600       | 38.10  | 1.500          | 015-91-1341 |             | 015-91-1342 |                            | 015-91-1343 |             | 015-91-1344 | 015-91-0347                | 015-91-1340 |             |        |                            |        |             | 34  |       |  |       |  |
| 36     | 45.72  | 1.800                         | 43.18  | 1.700       | 40.64  | 1.600          | 015-91-1361 |             | 015-91-1362 |                            | 015-91-1363 |             | 015-91-1364 | 015-91-0367                | 015-91-1360 |             |        |                            |        |             | 36  |       |  |       |  |
| 38     | 48.26  | 1.900                         | 45.72  | 1.800       | 43.18  | 1.700          | 015-91-1381 |             | 015-91-1382 |                            | 015-91-1383 |             | 015-91-1384 | 015-91-0387                | 015-91-1380 |             |        |                            |        |             | 38  |       |  |       |  |
| 40     | 50.80  | 2.000                         | 48.26  | 1.900       | 45.72  | 1.800          | 015-91-1401 |             | 015-91-1402 |                            | 015-91-1403 |             | 015-91-1404 | 015-91-0407                | 015-91-1400 |             |        |                            |        |             | 40  |       |  |       |  |
| 42     | 53.34  | 2.100                         | 50.80  | 2.000       | 48.26  | 1.900          | 015-91-1421 |             | 015-91-1422 |                            | 015-91-1423 |             | 015-91-1424 | 015-91-0427                | 015-91-1420 |             |        |                            |        |             | 42  |       |  |       |  |
| 44     | 55.88  | 2.200                         | 53.34  | 2.100       | 50.80  | 2.000          | 015-91-1441 |             | 015-91-1442 |                            | 015-91-1443 |             | 015-91-1444 | 015-91-0447                | 015-91-1440 |             |        |                            |        |             | 44  |       |  |       |  |
| 46     | 58.42  | 2.300                         | 55.88  | 2.200       | 53.34  | 2.100          | 015-91-1461 |             | 015-91-1462 |                            | 015-91-1463 |             | 015-91-1464 | 015-91-0467                | 015-91-1460 |             |        |                            |        |             | 46  |       |  |       |  |
| 48     | 60.96  | 2.400                         | 58.42  | 2.300       | 55.88  | 2.200          | 015-91-1481 |             | 015-91-1482 |                            | 015-91-1483 |             | 015-91-1484 | 015-91-0487                | 015-91-1480 |             |        |                            |        |             | 48  |       |  |       |  |
| 50     | 63.50  | 2.500                         | 60.96  | 2.400       | 58.42  | 2.300          | 015-91-1501 | 015-91-6504 | 015-91-1502 | 015-91-6505                | 015-91-1503 | 015-91-6506 | 015-91-1504 | 015-91-0507                | 015-91-1500 |             |        |                            |        |             | 50  |       |  |       |  |
| 52     | 66.04  | 2.600                         | 63.50  | 2.500       | 60.96  | 2.400          | 015-91-1521 |             | 015-91-1522 |                            | 015-91-1523 | 71308-5203  | 015-91-1524 | 015-91-0527                | 015-91-1520 |             |        |                            |        |             | 52  |       |  |       |  |
| 54     | 68.58  | 2.700                         | 66.04  | 2.600       | 63.50  | 2.500          | 015-91-1541 |             | 015-91-1542 |                            | 015-91-1543 |             | 015-91-1544 | 015-91-0547                | 015-91-1540 |             |        |                            |        |             | 54  |       |  |       |  |
| 56     | 71.12  | 2.800                         | 68.58  | 2.700       | 66.04  | 2.600          | 015-91-1561 |             | 015-91-1562 |                            | 015-91-1563 |             | 015-91-1564 | 015-91-0567                | 015-91-1560 |             |        |                            |        |             | 56  |       |  |       |  |
| 58     | 73.66  | 2.900                         | 71.12  | 2.800       | 68.58  | 2.700          | 015-91-1581 |             | 015-91-1582 |                            | 015-91-1583 |             | 015-91-1584 | 015-91-0587                | 015-91-1580 |             |        |                            |        |             | 58  |       |  |       |  |
| 60     | 76.20  | 3.000                         | 73.66  | 2.900       | 71.12  | 2.800          | 015-91-1601 |             | 015-91-1602 |                            | 015-91-1603 |             | 015-91-1604 | 015-91-0607                | 015-91-1600 |             |        |                            |        |             | 60  |       |  |       |  |
| 62     | 78.74  | 3.100                         | 76.20  | 3.000       | 73.66  | 2.900          | 015-91-1621 |             | 015-91-1622 |                            | 015-91-1623 |             | 015-91-1624 | 015-91-0627                | 015-91-1620 |             |        |                            |        |             | 62  |       |  |       |  |
| 64     | 81.28  | 3.200                         | 78.74  | 3.100       | 76.20  | 3.000          | 015-91-1641 |             | 015-91-1642 |                            | 015-91-1643 |             | 015-91-1644 | 015-91-0647                | 015-91-1640 |             |        |                            |        |             | 64  |       |  |       |  |
| 66     | 83.82  | 3.300                         | 81.28  | 3.200       | 78.74  | 3.100          | 015-91-1661 |             | 015-91-1662 |                            | 015-91-1663 |             | 015-91-1664 | 015-91-0667                | 015-91-1660 |             |        |                            |        |             | 66  |       |  |       |  |
| 68     | 86.36  | 3.400                         | 83.82  | 3.300       | 81.28  | 3.200          | 015-91-1681 |             | 015-91-1682 |                            | 015-91-1683 |             | 015-91-1684 | 015-91-0687                | 015-91-1680 |             |        |                            |        |             | 68  |       |  |       |  |
| 70     | 88.90  | 3.500                         | 86.36  | 3.400       | 83.82  | 3.300          | 015-91-1701 |             | 015-91-1702 |                            | 015-91-1703 |             | 015-91-1704 | 015-91-0707                | 015-91-1700 |             |        |                            |        |             | 70  |       |  |       |  |
| 72     | 91.44  | 3.600                         | 88.90  | 3.500       | 86.36  | 3.400          | 015-91-1721 |             | 015-91-1722 |                            | 015-91-1723 |             | 015-91-1724 | 015-91-0727                | 015-91-1720 |             |        |                            |        |             | 72  |       |  |       |  |
| 74     | 93.98  | 3.700                         | 91.44  | 3.600       | 88.90  | 3.500          | 015-91-1741 |             | 015-91-1742 |                            | 015-91-1743 |             | 015-91-1744 | 015-91-0747                | 015-91-1740 |             |        |                            |        |             | 74  |       |  |       |  |
| 76     | 96.52  | 3.800                         | 93.98  | 3.700       | 91.44  | 3.600          | 015-91-1761 |             | 015-91-1762 |                            | 015-91-1763 |             | 015-91-1764 | 015-91-0767                | 015-91-1760 |             |        |                            |        |             | 76  |       |  |       |  |
| 78     | 99.06  | 3.900                         | 96.52  | 3.800       | 93.98  | 3.700          | 015-91-1781 |             | 015-91-1782 |                            | 015-91-1783 |             | 015-91-1784 | 015-91-0787                | 015-91-1780 |             |        |                            |        |             | 78  |       |  |       |  |
| 80     | 101.60 | 4.000                         | 99.06  | 3.900       | 96.52  | 3.800          | 015-91-1801 |             | 015-91-1802 |                            | 015-91-1803 |             | 015-91-1804 | 015-91-0807                | 015-91-1800 |             |        |                            |        |             | 80  |       |  |       |  |
| 82     | 104.14 | 4.100                         | 101.60 | 4.000       | 99.06  | 3.900          | 71308-4082  |             | 71308-4182  |                            | 71308-4282  |             | 71308-5082  | 71308-5182                 | 71308-5282  |             |        |                            |        |             | 82  |       |  |       |  |
| 84     | 106.68 | 4.200                         | 104.14 | 4.100       | 101.60 | 4.000          | 71308-4084  |             | 71308-4184  |                            | 71308-4284  |             | 71308-5084  | 71308-5184                 | 71308-5284  |             |        |                            |        |             | 84  |       |  |       |  |
| 86     | 109.22 | 4.300                         | 106.68 | 4.200       | 104.14 | 4.100          | 71308-4086  |             | 71308-4186  |                            | 71308-4286  |             | 71308-5086  | 71308-5186                 | 71308-5286  |             |        |                            |        |             | 86  |       |  |       |  |
| 88     | 111.76 | 4.400                         | 109.22 | 4.300       | 106.68 | 4.200          | 71308-4088  |             | 71308-4188  |                            | 71308-4288  |             | 71308-5088  | 71308-5188                 | 71308-5288  |             |        |                            |        |             | 88  |       |  |       |  |
| 90     | 114.30 | 4.500                         | 111.76 | 4.400       | 109.22 | 4.300          | 71308-4090  |             | 71308-4190  |                            | 71308-4290  |             | 71308-5090  | 71308-5190                 | 71308-5290  |             |        |                            |        |             | 90  |       |  |       |  |
| 92     | 116.84 | 4.600                         | 114.30 | 4.500       | 111.76 | 4.400          | 71308-4092  |             | 71308-4192  |                            | 71308-4292  |             | 71308-5092  | 71308-5192                 | 71308-5292  |             |        |                            |        |             | 92  |       |  |       |  |
| 94     | 119.38 | 4.700                         | 116.84 | 4.600       | 114.30 | 4.500          | 71308-4094  |             | 71308-4194  |                            | 71308-4294  |             | 71308-5094  | 71308-5194                 | 71308-5294  |             |        |                            |        |             | 94  |       |  |       |  |
| 96     | 121.92 | 4.800                         | 119.38 | 4.700       | 116.84 | 4.600          | 71308-4096  |             | 71308-4196  |                            | 71308-4296  |             | 71308-5096  | 71308-5196                 | 71308-5296  |             |        |                            |        |             | 96  |       |  |       |  |
| 98     | 124.46 | 4.900                         | 121.92 | 4.800       | 119.38 | 4.700          | 71308-4098  |             | 71308-4198  |                            | 71308-4298  |             | 71308-5098  | 71308-5198                 | 71308-5298  |             |        |                            |        |             | 98  |       |  |       |  |
| 100    | 127.00 | 5.000                         | 124.46 | 4.900       | 121.92 | 4.800          | 71308-4100  |             | 71308-4200  |                            | 71308-4300  |             | 71308-5100  | 71308-5200                 | 71308-5300  |             |        |                            |        |             | 100 |       |  |       |  |

LONG PEG VERSION (.130")

|  |                     |                                       |        |                 |        |            |              |  |  |  |  |
|--|---------------------|---------------------------------------|--------|-----------------|--------|------------|--------------|--|--|--|--|
| <b>SEE SHEET 1</b><br>EC NO: UCP2009-2465<br>DRWIN/KIPPER 2009/08/04<br>CHKD:SSOUSEK 2009/08/07<br>APPR:FSM/ITH 2009/08/10<br>K3 | QUALITY SYMBOLS<br> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE |        | SCALE      | DESIGN UNITS | THIRD ANGLE PROJECTION   |  |  |  |
|  |                     |                                       |        | MM/IN           |        |            | INCH         |  |  |  |  |
|  |                     |                                       |        | mm              | INCH   | DRAWN BY   | DATE         | TITLE  |  |  |  |
|  |                     |                                       |        | 4 PLACES ± .005 | ± .005 | KMS        | 1999/10/15   | SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100 |  |  |  |
|  |                     | 3 PLACES ± .005                       | ± .005 | CHECKED BY      |        | DATE       | MATERIAL NO. |  |  |  |  |
|  |                     | 2 PLACES ± 0.13                       | ± .010 | APPROVED BY     |        | DATE       | DOCUMENT NO. |  |  |  |  |
|  |                     | 1 PLACE ± 0.25                        | ± .010 | KMS             |        | 1999/10/15 | SD-71308-001 |  |  |  |  |
|  |                     | ANGULAR ±1/2°                         |        |                 |        |            |              |  |  |  |  |

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| I | CKTS | DIM. A |       | DIM. B |       | DIM. C |       | EDP NUMBER  |             | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | EDP NUMBER | CKTS |
|---|------|--------|-------|--------|-------|--------|-------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------|
|   |      | MM     | IN    | MM     | IN    | MM     | IN    | EDP NUMBER  | EDP NUMBER  |            |            |            |            |            |            |            |      |
|   | 04   | 5.08   | .200  | 2.54   | .100  | ----   | ----  | 015-91-1048 | 015-91-6047 |            |            |            |            |            |            |            | 04   |
|   | 06   | 7.62   | .300  | 5.08   | .200  | 2.54   | .100  | 015-91-1068 | 015-91-6067 | 71308-6106 | 71308-6206 |            |            |            |            |            | 06   |
|   | 08   | 10.16  | .400  | 7.62   | .300  | 5.08   | .200  | 015-91-1088 | 015-91-6087 | 71308-6108 | 71308-6208 |            |            |            |            |            | 08   |
|   | 10   | 12.70  | .500  | 10.16  | .400  | 7.62   | .300  | 015-91-1108 | 015-91-6107 | 71308-6110 | 71308-6210 |            |            |            |            |            | 10   |
|   | 12   | 15.24  | .600  | 12.70  | .500  | 10.16  | .400  | 015-91-1128 |             |            |            |            |            |            |            |            | 12   |
|   | 14   | 17.78  | .700  | 15.24  | .600  | 12.70  | .500  | 015-91-1148 | 015-91-6147 |            |            |            |            |            |            |            | 14   |
|   | 16   | 20.32  | .800  | 17.78  | .700  | 15.24  | .600  | 015-91-1168 | 015-91-6167 |            |            |            |            |            |            |            | 16   |
|   | 18   | 22.86  | .900  | 20.32  | .800  | 17.78  | .700  | 015-91-1188 |             |            |            |            |            |            |            |            | 18   |
|   | 20   | 25.40  | 1.000 | 22.86  | .900  | 20.32  | .800  | 015-91-1208 | 015-91-6207 |            |            |            |            |            |            |            | 20   |
|   | 22   | 27.94  | 1.100 | 25.40  | 1.000 | 22.86  | .900  | 015-91-1228 |             |            |            |            |            |            |            |            | 22   |
|   | 24   | 30.48  | 1.200 | 27.94  | 1.100 | 25.40  | 1.000 | 015-91-1248 |             |            |            |            |            |            |            |            | 24   |
|   | 26   | 33.02  | 1.300 | 30.48  | 1.200 | 27.94  | 1.100 | 015-91-1268 |             | 71308-6126 |            |            |            |            |            |            | 26   |
|   | 28   | 35.56  | 1.400 | 33.02  | 1.300 | 30.48  | 1.200 | 015-91-1288 |             |            |            |            |            |            |            |            | 28   |
|   | 30   | 38.10  | 1.500 | 35.56  | 1.400 | 33.02  | 1.300 | 015-91-1308 |             |            |            |            |            |            |            |            | 30   |
|   | 32   | 40.64  | 1.600 | 38.10  | 1.500 | 35.56  | 1.400 | 015-91-1328 |             |            |            |            |            |            |            |            | 32   |
|   | 34   | 43.18  | 1.700 | 40.64  | 1.600 | 38.10  | 1.500 | 015-91-1348 |             |            |            |            |            |            |            |            | 34   |
|   | 36   | 45.72  | 1.800 | 43.18  | 1.700 | 40.64  | 1.600 | 015-91-1368 |             |            |            |            |            |            |            |            | 36   |
|   | 38   | 48.26  | 1.900 | 45.72  | 1.800 | 43.18  | 1.700 | 015-91-1388 |             |            |            |            |            |            |            |            | 38   |
|   | 40   | 50.80  | 2.000 | 48.26  | 1.900 | 45.72  | 1.800 | 015-91-1408 | 015-91-6407 |            |            |            |            |            |            |            | 40   |
|   | 42   | 53.34  | 2.100 | 50.80  | 2.000 | 48.26  | 1.900 | 015-91-1428 |             |            |            |            |            |            |            |            | 42   |
|   | 44   | 55.88  | 2.200 | 53.34  | 2.100 | 50.80  | 2.000 | 015-91-1448 |             |            |            |            |            |            |            |            | 44   |
|   | 46   | 58.42  | 2.300 | 55.88  | 2.200 | 53.34  | 2.100 | 015-91-1468 |             |            |            |            |            |            |            |            | 46   |
|   | 48   | 60.96  | 2.400 | 58.42  | 2.300 | 55.88  | 2.200 | 015-91-1488 |             |            |            |            |            |            |            |            | 48   |
|   | 50   | 63.50  | 2.500 | 60.96  | 2.400 | 58.42  | 2.300 | 015-91-1508 | 015-91-6507 |            |            |            |            |            |            |            | 50   |
|   | 52   | 66.04  | 2.600 | 63.50  | 2.500 | 60.96  | 2.400 | 015-91-1528 |             |            |            |            |            |            |            |            | 52   |
|   | 54   | 68.58  | 2.700 | 66.04  | 2.600 | 63.50  | 2.500 | 015-91-1548 |             |            |            |            |            |            |            |            | 54   |
|   | 56   | 71.12  | 2.800 | 68.58  | 2.700 | 66.04  | 2.600 | 015-91-1568 |             |            |            |            |            |            |            |            | 56   |
|   | 58   | 73.66  | 2.900 | 71.12  | 2.800 | 68.58  | 2.700 | 015-91-1588 |             |            |            |            |            |            |            |            | 58   |
|   | 60   | 76.20  | 3.000 | 73.66  | 2.900 | 71.12  | 2.800 | 015-91-1608 |             |            |            |            |            |            |            |            | 60   |
|   | 62   | 78.74  | 3.100 | 76.20  | 3.000 | 73.66  | 2.900 | 015-91-1628 |             |            |            |            |            |            |            |            | 62   |
|   | 64   | 81.28  | 3.200 | 78.74  | 3.100 | 76.20  | 3.000 | 015-91-1648 |             |            |            |            |            |            |            |            | 64   |
|   | 66   | 83.82  | 3.300 | 81.28  | 3.200 | 78.74  | 3.100 | 015-91-1668 |             |            |            |            |            |            |            |            | 66   |
|   | 68   | 86.36  | 3.400 | 83.82  | 3.300 | 81.28  | 3.200 | 015-91-1688 |             |            |            |            |            |            |            |            | 68   |
|   | 70   | 88.90  | 3.500 | 86.36  | 3.400 | 83.82  | 3.300 | 015-91-1708 |             |            |            |            |            |            |            |            | 70   |
|   | 72   | 91.44  | 3.600 | 88.90  | 3.500 | 86.36  | 3.400 | 015-91-1728 |             |            |            |            |            |            |            |            | 72   |
|   | 74   | 93.98  | 3.700 | 91.44  | 3.600 | 88.90  | 3.500 | 015-91-1748 |             |            |            |            |            |            |            |            | 74   |
|   | 76   | 96.52  | 3.800 | 93.98  | 3.700 | 91.44  | 3.600 | 015-91-1768 |             |            |            |            |            |            |            |            | 76   |
|   | 78   | 99.06  | 3.900 | 96.52  | 3.800 | 93.98  | 3.700 | 015-91-1788 |             |            |            |            |            |            |            |            | 78   |
|   | 80   | 101.60 | 4.000 | 99.06  | 3.900 | 96.52  | 3.800 | 015-91-1808 |             |            |            |            |            |            |            |            | 80   |
|   | 82   | 104.14 | 4.100 | 101.60 | 4.000 | 99.06  | 3.900 | 71308-6082  |             |            |            |            |            |            |            |            | 82   |
|   | 84   | 106.68 | 4.200 | 104.14 | 4.100 | 101.60 | 4.000 | 71308-6084  |             |            |            |            |            |            |            |            | 84   |
|   | 86   | 109.22 | 4.300 | 106.68 | 4.200 | 104.14 | 4.100 | 71308-6086  |             |            |            |            |            |            |            |            | 86   |
|   | 88   | 111.76 | 4.400 | 109.22 | 4.300 | 106.68 | 4.200 | 71308-6088  |             |            |            |            |            |            |            |            | 88   |
|   | 90   | 114.30 | 4.500 | 111.76 | 4.400 | 109.22 | 4.300 | 71308-6090  |             |            |            |            |            |            |            |            | 90   |
|   | 92   | 116.84 | 4.600 | 114.30 | 4.500 | 111.76 | 4.400 | 71308-6092  |             |            |            |            |            |            |            |            | 92   |
|   | 94   | 119.38 | 4.700 | 116.84 | 4.600 | 114.30 | 4.500 | 71308-6094  |             |            |            |            |            |            |            |            | 94   |
|   | 96   | 121.92 | 4.800 | 119.38 | 4.700 | 116.84 | 4.600 | 71308-6096  |             |            |            |            |            |            |            |            | 96   |
|   | 98   | 124.46 | 4.900 | 121.92 | 4.800 | 119.38 | 4.700 | 71308-6098  |             |            |            |            |            |            |            |            | 98   |
|   | 100  | 127.00 | 5.000 | 124.46 | 4.900 | 121.92 | 4.800 | 71308-6100  |             |            |            |            |            |            |            |            | 100  |

SHORT PEG VERSION (.055")

|  |   |   |  |   |   |  |
|--|---|---|--|---|---|--|
| SEE SHEET 1<br>EC NO: UCP2009-2465<br>DRW:MKIPPER<br>CHKD:SSOUSEK<br>APPR:FSMITH | QUALITY SYMBOLS<br>▽=0<br>▽=0   | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .010<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 1/2° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>KMS 1999/10/15<br>CHECKED BY DATE<br>KMS 1999/10/15<br>APPROVED BY DATE<br>KMS 1999/10/15 | SCALE DESIGN UNITS<br>INCH<br>TITLE<br>SALES ASSY INSULATOR<br>DUAL ROW SMT W/BREAK-OFF<br>.025SQ PIN GULLWING .100<br>MOLEX MOLEX INCORPORATED | THIRD ANGLE PROJECTION<br>SHEET NO.<br>5 OF 6 |  |
|  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS   |   | MATERIAL NO.<br>SEE TABLE  |   | DOCUMENT NO.<br>SD-71308-001                  |  |
|  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |  |   |   |  |

13 12 11 10 9 8 7 6 5 4 3 2 1

|                             |        | PEG OPTION     |        |       |                        |                   |            |                |                        |            |            |                          |                        |            |            |                           |            |             |      |
|-----------------------------|--------|----------------|--------|-------|------------------------|-------------------|------------|----------------|------------------------|------------|------------|--------------------------|------------------------|------------|------------|---------------------------|------------|-------------|------|
|                             |        | NO PEG VERSION |        |       |                        |                   |            | NO PEG VERSION |                        |            |            | LONG PEG VERSION (.130") |                        |            |            | SHORT PEG VERSION (.055") |            |             |      |
| PACKAGING SEE NOTE 4, SHT 1 |        | 4-6 CKT        |        | BULK  | TAPE-N-REEL W/VAC CAPS | N/A               | 4-8 CKT    |                | TAPE-N-REEL W/VAC CAPS | BULK       | BULK       | BULK                     | TAPE-N-REEL W/VAC CAPS | BULK       | BULK       | TAPE-N-REEL W/VAC CAPS    |            |             |      |
|                             |        | 8-100 CKT      |        | TUBES | TAPE-N-REEL W/VAC CAPS | TUBES W/ VAC CAPS | 10-100 CKT |                | TAPE-N-REEL W/VAC CAPS | TUBES      | TUBES      | TUBES                    | TAPE-N-REEL W/VAC CAPS | TUBES      | BULK       | TAPE-N-REEL W/ VAC CAPS   |            |             |      |
| DIM. M=0.25 MM              |        | 6.10 (.240)    |        |       |                        |                   |            |                |                        | 8.13(.320) |            | 13.59(.535)              |                        | 6.10(.240) |            | 8.13(.320)                |            | 6.10 (.240) |      |
| PLATING                     |        | 59 TIN         |        |       |                        |                   |            |                |                        | 59 TIN     |            | 59 TIN                   |                        | 59 TIN     |            | 59 TIN                    |            | 59 TIN      |      |
| DIM. H                      |        | 2.54(.100)     |        |       |                        |                   |            |                |                        | 4.57(.180) |            | 4.57(.180)               |                        | 2.54(.100) |            | 4.57(.180)                |            | 2.54(.100)  |      |
| DIM. J                      |        | 5.08(.200)     |        |       |                        |                   |            |                |                        | 7.11(.280) |            | 7.11(.280)               |                        | 5.08(.200) |            | 7.11(.280)                |            | 5.08(.200)  |      |
| CKTS                        | DIM. A |                | DIM. B |       | DIM. C                 |                   | EDP NUMBER | EDP NUMBER     | EDP NUMBER             | EDP NUMBER | EDP NUMBER | EDP NUMBER               | EDP NUMBER             | EDP NUMBER | EDP NUMBER | EDP NUMBER                | EDP NUMBER | EDP NUMBER  | CKTS |
|                             | MM     | IN             | MM     | IN    | MM                     | IN                |            |                |                        |            |            |                          |                        |            |            |                           |            |             |      |
| 04                          | 5.08   | .200           | 2.54   | .100  | ---                    | ---               | 71308-5404 | 71308-5504     | N/A                    |            |            |                          | 71308-6404             | 71308-6504 | 71308-6604 |                           |            | 04          |      |
| 06                          | 7.62   | .300           | 5.08   | .200  | 2.54                   | .100              | 71308-5406 | 71308-5506     | N/A                    |            |            |                          | 71308-6406             | 71308-6506 | 71308-6606 | 71308-6706                | 71308-6806 | 06          |      |
| 08                          | 10.16  | .400           | 7.62   | .300  | 5.08                   | .200              | 71308-5408 | 71308-5508     | 71308-5608             |            |            |                          | 71308-6408             | 71308-6508 | 71308-6608 | 71308-6708                | 71308-6808 | 08          |      |
| 10                          | 12.70  | .500           | 10.16  | .400  | 7.62                   | .300              | 71308-5410 | 71308-5510     | 71308-5610             |            | 71308-5810 | 71308-5910               | 71308-6410             | 71308-6510 | 71308-6610 | 71308-6710                | 71308-6810 | 10          |      |
| 12                          | 15.24  | .600           | 12.70  | .500  | 10.16                  | .400              | 71308-5412 | 71308-5512     | 71308-5612             |            |            |                          | 71308-6412             |            | 71308-6612 |                           |            | 12          |      |
| 14                          | 17.78  | .700           | 15.24  | .600  | 12.70                  | .500              | 71308-5414 | 71308-5514     | 71308-5614             |            |            |                          | 71308-6414             | 71308-6514 | 71308-6614 |                           |            | 14          |      |
| 16                          | 20.32  | .800           | 17.78  | .700  | 15.24                  | .600              | 71308-5416 | 71308-5516     | 71308-5616             |            | 71308-5816 |                          | 71308-6416             | 71308-6516 | 71308-6616 |                           |            | 16          |      |
| 18                          | 22.86  | .900           | 20.32  | .800  | 17.78                  | .700              | 71308-5418 |                | 71308-5618             |            |            |                          | 71308-6418             |            | 71308-6618 |                           |            | 18          |      |
| 20                          | 25.40  | 1.000          | 22.86  | .900  | 20.32                  | .800              | 71308-5420 | 71308-5520     |                        |            |            |                          | 71308-6420             |            | 71308-6620 |                           |            | 20          |      |
| 22                          | 27.94  | 1.100          | 25.40  | 1.000 | 22.86                  | .900              | 71308-5422 |                | 71308-5622             |            |            |                          | 71308-6422             |            | 71308-6622 |                           |            | 22          |      |
| 24                          | 30.48  | 1.200          | 27.94  | 1.100 | 25.40                  | 1.000             | 71308-5424 |                | 71308-5624             |            | 71308-5724 | 71308-5824               | 71308-6424             |            | 71308-6624 |                           |            | 24          |      |
| 26                          | 33.02  | 1.300          | 30.48  | 1.200 | 27.94                  | 1.100             | 71308-5426 |                | 71308-5626             |            |            |                          | 71308-6426             |            | 71308-6626 | 71308-6726                |            | 26          |      |
| 28                          | 35.56  | 1.400          | 33.02  | 1.300 | 30.48                  | 1.200             | 71308-5428 |                | 71308-5628             |            |            |                          | 71308-6428             |            | 71308-6628 |                           |            | 28          |      |
| 30                          | 38.10  | 1.500          | 35.56  | 1.400 | 33.02                  | 1.300             | 71308-5430 |                | 71308-5630             |            |            |                          | 71308-6430             |            | 71308-6630 |                           |            | 30          |      |
| 32                          | 40.64  | 1.600          | 38.10  | 1.500 | 35.56                  | 1.400             | 71308-5432 |                | 71308-5632             |            |            |                          | 71308-6432             |            | 71308-6632 |                           |            | 32          |      |
| 34                          | 43.18  | 1.700          | 40.64  | 1.600 | 38.10                  | 1.500             | 71308-5434 |                | 71308-5634             |            |            |                          | 71308-6434             |            | 71308-6634 |                           |            | 34          |      |
| 36                          | 45.72  | 1.800          | 43.18  | 1.700 | 40.64                  | 1.600             | 71308-5436 |                | 71308-5636             |            |            |                          | 71308-6436             |            | 71308-6636 |                           |            | 36          |      |
| 38                          | 48.26  | 1.900          | 45.72  | 1.800 | 43.18                  | 1.700             | 71308-5438 |                | 71308-5638             |            |            |                          | 71308-6438             |            | 71308-6638 |                           |            | 38          |      |
| 40                          | 50.80  | 2.000          | 48.26  | 1.900 | 45.72                  | 1.800             | 71308-5440 | 71308-5540     | 71308-5640             |            |            |                          | 71308-6440             |            | 71308-6640 |                           |            | 40          |      |
| 42                          | 53.34  | 2.100          | 50.80  | 2.000 | 48.26                  | 1.900             | 71308-5442 |                | 71308-5642             |            |            |                          | 71308-6442             |            | 71308-6642 |                           |            | 42          |      |
| 44                          | 55.88  | 2.200          | 53.34  | 2.100 | 50.80                  | 2.000             | 71308-5444 |                | 71308-5644             |            |            |                          | 71308-6444             |            | 71308-6644 |                           |            | 44          |      |
| 46                          | 58.42  | 2.300          | 55.88  | 2.200 | 53.34                  | 2.100             | 71308-5446 |                | 71308-5646             |            |            |                          | 71308-6446             |            | 71308-6646 |                           |            | 46          |      |
| 48                          | 60.96  | 2.400          | 58.42  | 2.300 | 55.88                  | 2.200             | 71308-5448 |                | 71308-5648             |            |            |                          | 71308-6448             |            | 71308-6648 |                           |            | 48          |      |
| 50                          | 63.50  | 2.500          | 60.96  | 2.400 | 58.42                  | 2.300             | 71308-5450 | 71308-5550     | 71308-5650             |            |            |                          | 71308-6450             | 71308-6550 | 71308-6650 |                           |            | 50          |      |
| 52                          | 66.04  | 2.600          | 63.50  | 2.500 | 60.96                  | 2.400             | 71308-5452 |                | 71308-5652             |            |            |                          | 71308-6452             |            | 71308-6652 |                           |            | 52          |      |
| 54                          | 68.58  | 2.700          | 66.04  | 2.600 | 63.50                  | 2.500             | 71308-5454 |                | 71308-5654             |            |            |                          | 71308-6454             |            | 71308-6654 |                           |            | 54          |      |
| 56                          | 71.12  | 2.800          | 68.58  | 2.700 | 66.04                  | 2.600             | 71308-5456 |                | 71308-5656             |            |            |                          | 71308-6456             |            | 71308-6656 |                           |            | 56          |      |
| 58                          | 73.66  | 2.900          | 71.12  | 2.800 | 68.58                  | 2.700             | 71308-5458 |                | 71308-5658             |            |            |                          | 71308-6458             |            | 71308-6658 |                           |            | 58          |      |
| 60                          | 76.20  | 3.000          | 73.66  | 2.900 | 71.12                  | 2.800             | 71308-5460 |                | 71308-5660             |            |            |                          | 71308-6460             |            | 71308-6660 |                           |            | 60          |      |
| 62                          | 78.74  | 3.100          | 76.20  | 3.000 | 73.66                  | 2.900             | 71308-5462 |                | 71308-5662             |            |            |                          | 71308-6462             |            | 71308-6662 |                           |            | 62          |      |
| 64                          | 81.28  | 3.200          | 78.74  | 3.100 | 76.20                  | 3.000             | 71308-5464 |                | 71308-5664             |            |            |                          | 71308-6464             |            | 71308-6664 |                           |            | 64          |      |
| 66                          | 83.82  | 3.300          | 81.28  | 3.200 | 78.74                  | 3.100             | 71308-5466 |                | 71308-5666             |            |            |                          | 71308-6466             |            | 71308-6666 |                           |            | 66          |      |
| 68                          | 86.36  | 3.400          | 83.82  | 3.300 | 81.28                  | 3.200             | 71308-5468 |                | 71308-5668             |            |            |                          | 71308-6468             |            | 71308-6668 |                           |            | 68          |      |
| 70                          | 88.90  | 3.500          | 86.36  | 3.400 | 83.82                  | 3.300             | 71308-5470 |                | 71308-5670             |            |            |                          | 71308-6470             |            | 71308-6670 |                           |            | 70          |      |
| 72                          | 91.44  | 3.600          | 88.90  | 3.500 | 86.36                  | 3.400             | 71308-5472 |                | 71308-5672             |            |            |                          | 71308-6472             |            | 71308-6672 |                           |            | 72          |      |
| 74                          | 93.98  | 3.700          | 91.44  | 3.600 | 88.90                  | 3.500             | 71308-5474 |                | 71308-5674             |            |            |                          | 71308-6474             |            | 71308-6674 |                           |            | 74          |      |
| 76                          | 96.52  | 3.800          | 93.98  | 3.700 | 91.44                  | 3.600             | 71308-5476 |                | 71308-5676             |            |            |                          | 71308-6476             |            | 71308-6676 |                           |            | 76          |      |
| 78                          | 99.06  | 3.900          | 96.52  | 3.800 | 93.98                  | 3.700             | 71308-5478 |                | 71308-5678             |            |            |                          | 71308-6478             |            | 71308-6678 |                           |            | 78          |      |
| 80                          | 101.60 | 4.000          | 99.06  | 3.900 | 96.52                  | 3.800             | 71308-5480 |                | 71308-5680             |            |            |                          | 71308-6480             |            | 71308-6680 |                           |            | 80          |      |
| 82                          | 104.14 | 4.100          | 101.60 | 4.000 | 99.06                  | 3.900             | 71308-5482 |                | 71308-5682             |            |            |                          | 71308-6482             |            | 71308-6682 |                           |            | 82          |      |
| 84                          | 106.68 | 4.200          | 104.14 | 4.100 | 101.60                 | 4.000             | 71308-5484 |                | 71308-5684             |            |            |                          | 71308-6484             |            | 71308-6684 |                           |            | 84          |      |
| 86                          | 109.22 | 4.300          | 106.68 | 4.200 | 104.14                 | 4.100             | 71308-5486 |                | 71308-5686             |            |            |                          | 71308-6486             |            | 71308-6686 |                           |            | 86          |      |
| 88                          | 111.76 | 4.400          | 109.22 | 4.300 | 106.68                 | 4.200             | 71308-5488 |                | 71308-5688             |            |            |                          | 71308-6488             |            | 71308-6688 |                           |            | 88          |      |
| 90                          | 114.30 | 4.500          | 111.76 | 4.400 | 109.22                 | 4.300             | 71308-5490 |                | 71308-5690             |            |            |                          | 71308-6490             |            | 71308-6690 |                           |            | 90          |      |
| 92                          | 116.84 | 4.600          | 114.30 | 4.500 | 111.76                 | 4.400             | 71308-5492 |                | 71308-5692             |            |            |                          | 71308-6492             |            | 71308-6692 |                           |            | 92          |      |
| 94                          | 119.38 | 4.700          | 116.84 | 4.600 | 114.30                 | 4.500             | 71308-5494 |                | 71308-5694             |            |            |                          | 71308-6494             |            | 71308-6694 |                           |            | 94          |      |
| 96                          | 121.92 | 4.800          | 119.38 | 4.700 | 116.84                 | 4.600             | 71308-5496 |                | 71308-5696             |            |            |                          | 71308-6496             |            | 71308-6696 |                           |            | 96          |      |
| 98                          | 124.46 | 4.900          | 121.92 | 4.800 | 119.38                 | 4.700             | 71308-5498 |                | 71308-5698             |            |            |                          | 71308-6498             |            | 71308-6698 |                           |            | 98          |      |
| 100                         | 127.00 | 5.000          | 124.46 | 4.900 | 121.92                 | 4.800             | 71308-5500 |                | 71308-5700             |            |            |                          | 71308-6500             |            | 71308-6700 |                           |            | 100         |      |

**59 TIN PLATE ASSEMBLIES**

| <p><b>SEE SHEET 1</b><br/>                 EC NO: UCP2009-2465<br/>                 DRAWN: KIPPER 2009/08/04<br/>                 CHKD: SSOUSEK 2009/08/07<br/>                 APPR: F.SMLTH 2009/08/10</p> | <p>QUALITY SYMBOLS<br/>                 ▽=0<br/>                 ▽=0</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>---</td> <td>---</td> </tr> <tr> <td>3 PLACES ±</td> <td>---</td> <td>±.005</td> </tr> <tr> <td>2 PLACES ±</td> <td>0.13</td> <td>±.010</td> </tr> <tr> <td>1 PLACE ±</td> <td>0.25</td> <td>±---</td> </tr> <tr> <td colspan="3" style="text-align: center;">ANGULAR ±1/2°</td> </tr> </table> |  | mm | INCH | 4 PLACES ± | --- | --- | 3 PLACES ± | --- | ±.005 | 2 PLACES ± | 0.13 | ±.010 | 1 PLACE ± | 0.25 | ±--- | ANGULAR ±1/2° |  |  | <p>DIMENSION STYLE<br/><b>MM/IN</b></p> <p>DRAWN BY: KMS<br/>                 DATE: 1999/10/15</p> <p>CHECKED BY: KMS<br/>                 DATE: 1999/10/15</p> <p>APPROVED BY: KMS<br/>                 DATE: 1999/10/15</p> | <p>SCALE: <b>1:1</b></p> <p>DESIGN UNITS: <b>INCH</b></p> <p>THIRD ANGLE PROJECTION</p> | <p>TITLE:<br/> <b>SALES ASSY INSULATOR<br/>                 DUAL ROW SMT W/BREAK-OFF<br/>                 .025SQ PIN GULLWING .100</b></p> <p><b>MOLEX INCORPORATED</b></p> <p>MATERIAL NO. <b>SD-71308-001</b></p> <p>SHEET NO. <b>6 OF 6</b></p> |
|--|--|---|--|----|------|------------|-----|-----|------------|-----|-------|------------|------|-------|-----------|------|------|---------------|--|--|---|---|--|
|  | mm   | INCH  |  |    |      |            |     |     |            |     |       |            |      |       |           |      |      |               |  |  |   |   |  |
| 4 PLACES ±   | ---  | ---   |  |    |      |            |     |     |            |     |       |            |      |       |           |      |      |               |  |  |   |   |  |
| 3 PLACES ±   | ---  | ±.005   |  |    |      |            |     |     |            |     |       |            |      |       |           |      |      |               |  |  |   |   |  |
| 2 PLACES ±   | 0.13   | ±.010   |  |    |      |            |     |     |            |     |       |            |      |       |           |      |      |               |  |  |   |   |  |
| 1 PLACE ±  | 0.25   | ±---  |  |    |      |            |     |     |            |     |       |            |      |       |           |      |      |               |  |  |   |   |  |
| ANGULAR ±1/2°  |  |   |  |    |      |            |     |     |            |     |       |            |      |       |           |      |      |               |  |  |   |   |  |
| <p>DRAFT WHERE APPLICABLE<br/>                 MUST REMAIN WITHIN DIMENSIONS</p>   |  |   | <p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p> |    |      |            |     |     |            |     |       |            |      |       |           |      |      |               |  |  |   |   |  |

13 12 11 10 9 8 7 6 5 4 3 2 1